

Claims

1. Friction roller for driving a bobbin on a textile machine, whereby the friction roller drives the bobbin by means of friction on its outer circumference,  
5     characterized in that a support (2) is placed on the 1 is placed on the friction roller (1) and is provided with a friction coating, in that the support (2) is made in several sections and consists of curved sections (21) and in that each of the sections (21) reaches around the friction roller (1) by more than 180°.
- 10     2. Friction roller as in claim 1, characterized in that the support (2) is made of metal, in particular steel, aluminum alloy or brass.
- 15     3. Friction roller as in one or several of the preceding claims, characterized in that the friction coating consists of metal ceramic.
4. Friction roller as in one or several of the preceding claims, characterized in that the friction coating contains hard-material granules.
- 20     5. Friction roller as in one or several of the preceding claims, characterized in that the friction coating is applied on the support (2) by flame spraying or plasma coating.
6. Friction roller as in one or several of the preceding claims, characterized in that the friction coating is applied by precipitation from a chemical coating bath.

7. Friction roller as in one or several of the preceding claim, characterized in that the curved sections (21) aligned with each other produce a ring.
8. Friction roller as in one or several of the preceding claims, characterized in that the support (2) is designed to be attached to the friction roller (1).

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9. Friction roller as in one or several of the preceding claims, characterized in that the sections (21) can be connected to each other.

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10. Friction roller as in one or several of the preceding claims, characterized in that the sections (21) can be connected interlockingly to each other.

11. Friction roller as in one or several of the preceding claims, characterized in that the sections (21) connect to each other by clip connection.

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12. Friction roller as in one or several of the preceding claims, characterized in that the sections (21) are pinned to each other

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13. Friction roller as in one or several of the preceding claims, characterized in that the friction roller (1) consists of several segments (11) lined up in axial direction and rotatable relative to each other.

14. Friction roller as in one or several of the preceding claims, characterized in that the friction roller (1) has at least three segments (11).

15. Friction roller as in one or several of the preceding claims, characterized in that  
the support (2) is installed on the segment (11) of the friction roller (1) which  
drives the bobbin.
- 5 16. Friction roller as in one or several of the preceding claims, characterized in that  
support (2) can be disassembled.
- 10 17. Friction roller as in one or several of the preceding claims, characterized in that  
the support (2) has projections or recesses (23) for the engagement of a fastening  
means (24, 25).
- 15 18. Friction roller as in one or several of the preceding claims, characterized in that  
the recess is in form of a bore (23) for the passage of a screw (24).
- 20 19. Friction roller as in one or several of the preceding claims, characterized in that  
the friction coating has an outside diameter that is greater than the outside  
diameter of the other regions of the friction roller (1).
- 20 20. Friction roller as in one or several of the preceding claims, characterized in that  
the friction coating has a crowned contour.
21. Friction roller as in one or several of the preceding claims, characterized in that  
the segments (11) at the front of the friction roller (1) are designed to drive the  
bobbin.

22. Friction roller as in one or several of the preceding claims, characterized in that the support (2) is connected interlockingly or by friction connection to the 1 is connected interlockingly or by friction connection to the friction roller (1).

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23. Support of a friction roller to drive a bobbin on a textile machine characterized in that the support (2) is provided with a friction coating, in that the support (2) is made in several parts and consists of curved sections (21) and in that each of the sections (21) reaches around the friction roller (1) by more than 180°.

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24. Support as in the preceding claim, characterized in that the support (2) is ring-shaped.

25. Support as in one or several of the preceding claims, characterized in that the support (2) consists of curved sections (21) which, lined up one after the other, produce an interrupted ring.

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26. Support as in one or several of the preceding claims, characterized in that the support (2) has protuberances or recesses (23 for the engagement of a fastening means (24, 25).

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